

ABSTRACT

The aim of this invention is to increase the rigidity of the integrated formworks at the time of their installation, to facilitate the work of the civil engineers in order to determine easily the contribution of the horizontal frameworks and to reduce manufacturing costs.

This aim is reached by a formwork including two parallel formwork walls (1, 1')—placed one facing the other provided with shaped bars forming the vertical stiffeners (2, 2')—and connected by at least one articulated connection device allowing the maintenance of the formwork walls (1, 1')—either at a distance defining a space to receive a filler such as concrete, or folded for storage and transport. The connection device is characterized in that it includes a first rectilinear horizontal bar (3)—parallel to the first formwork wall (1)—and passing through the stiffeners (2) of said first wall (1), a second rectilinear horizontal bar (3')—parallel to the second formwork wall (1')—and going through the stiffeners (2') of said second wall (1'), said second bar (3')—being situated facing the first bar (3), and a plurality of connection bars (4) perpendicularly linking the two horizontal bars (3, 3'), said connection bars (4)—being articulated around said horizontal bars (3, 3').